Prestel OPS PC

General Operating Instructions for OPS PC

USER MANUAL

Safety Instructions

To ensure your safety, please read the following safety instructions carefully before using this product. Improper use may result in serious personal injury or property damage, do not attempt to repair this product yourself.

	Warning
	In the event of a serious malfunction, please unplug the power supply immediately. Serious failures include: • There is smoke, odor or abnormal sound inside the machine. • No picture, sound or image distortion. Under the above abnormal circumstances, Please disconnect the power supply immediately, do not continue to use this product, and ask a professional to repair it.
	Avoid liquids, metals or flammable materials entering the body. • If liquid or metal falls into the machine, please shut down and cut off the power supply immediately , and contact a professional to handle it. • Special care should be taken when children are near this product.
	Do not place this product on an unstable surface. Unstable surfaces include: inclined or wobbly stands, tables, stands, etc., which may cause the product to tip over and cause injury.
	Do not open the cover of this product or modify the product without authorization. This product has high-voltage components installed inside. Opening the cover of this product may expose you to high voltage, electric shock, and other dangerous situation. If you need inspection, adjustment or repair services, please contact your local dealer.
	Please use the specified supply voltage. • To avoid danger caused by burning the machine, please use the standard power cord when using this product. Do not use other types of power cords. • Always use a three-wire power outlet and make sure its ground wire is well grounded. • When not used for a long time, please unplug the power supply of the receiving host from the socket .
	Regularly clean any dust or metal around the power plug blades. •Continuing to use this product without cleaning the inserts for a long time may cause fire or electric shock. • The power cord must be unplugged first, clean the insert with a dry cloth.

	Warning
	Do not place objects on top of this product. • Do not place items on top of this product, such as liquid containers (vases , flower pots, cosmetics or liquid medicines, etc.). • If water or any liquid is spilled on this product, it may cause a short circuit, resulting in fire or electric shock. • Do not step on this product or place objects on it.
	Do not install this product in an inappropriate location. • You should avoid damp places, such as bathrooms, shower rooms, near windows and outdoors that may be exposed to rain, snow or other harsh conditions. At the same time, please avoid installing this product in places where it may be exposed to hot spring water vapor. Otherwise it may cause malfunction, or in extreme cases there is a risk of electric shock. • Do not place exposed flame sources such as lighted candles on the equipment.
	Unplug your device during lightning storms. • To reduce the risk of electric shock, do not touch this product during lightning . • Product components whose power supply is greater than the safe voltage should be installed or placed out of the reach of children.
	Do not handle the power cord with wet hands. Otherwise, electric shock may occur.

	⚠ Notice
⚠	**Do not install this product in a high temperature environment.** • Do not install near heat sources, such as radiators, heat storage devices, stoves, or other heat-generating equipment. • Keep this product away from direct sunlight. Otherwise, the body temperature may rise and cause malfunction. **The ambient temperature / humidity is as follows:** Temperature: Operating temperature: 0°C ~ 45°C Storage temperature: - 20°C ~ 70°C Humidity: 5%RH ~ 90%RH (no condensation) Power supply mode: DC 19V/4.74A 3C adapter, Powered by pluggable computer slot.
❗	**When transporting this product:** If you need to transport this product for moving or repair purposes, use the carton and cushioning material provided with the product.
⚠	**Do not cover or block any vents on this product. Doing so may cause the device to overheat and cause fire or damage to the product, shortening their service life.** • This product cannot be placed with the ventilation side facing down. • This product should not be installed on carpets or bedding. • Do not cover this product with tablecloths, etc.

Note:

- If you ignore the caution information, May cause personal injury or damage to the product.
- The power supply selected for the product determines the altitude of use of the product.
- Please read the installation instructions before connecting the power supply.
- This product is designed to be used with a large-screen or all-in-one whiteboard machine, so it does not come with a power adapter when shipped from the factory. If consumers need to use this product alone, please purchase a power adapter that has obtained 3C certification and meets standard requirements to power the product. Using a substandard power adapter may damage the product or reduce its service life.

Instruction

This picture is for reference only, please refer to the actual product.

Interface Panel

erial Number	Port	Port Function
1	Handle	Carrying handle makes it easy to plug and unplug the computer.
2	Anti-theft Lock	Anti-theft lock hole position.
3	Screw Holes	Fixed OPS .
4	One Click Recovery	Restore the system.
5	Power Supply	Power button.
6	WIFI	Install WiFi link pole
7	⏻	Power Indicator .
8	🯄	Audio input and output are connected to audio devices such as headphones and speakers.
9	DP	A display device that outputs functionality.
10	HDMI	A display device that outputs functionality.
11	Type-C	USB3.0 interface, connectionUSB devices, such as mobile hard drives, USB mouse logo / keyboard, U disk, etc.
12	USB 3.0	USB3.0 interface, connectionUSB devices, such as mobile hard drives, USB mouse logo / keyboard, U disk, etc.
14	USB 2.0	USB2.0 interface, connectionUSB devices, such as mobile hard drives, USB mouse logo / keyboard, U disk, etc.

Equipment Connection Diagram

The figure below shows the connection diagram of all ports on the pluggable computer to connect to external devices. You can choose according to your needs. Select the port to connect to the external device.

⚠ **Notice**

It is prohibited to perform the following operations on a pluggable computer, otherwise it will affect the use of the product or even cause damage to the product!

- It is strictly prohibited to plug or unplug a pluggable computer while the power is on. Please make sure to disconnect the power supply of the large screen or whiteboard all-in-one computer before plugging or unplugging it.

Step1 (Optional) Unscrew the screws and remove the bezel on the large screen or whiteboard all-in-one machine.

Q Instructions

This step is optional and is suitable for installing a pluggable computer on a machine with a baffle on the back .
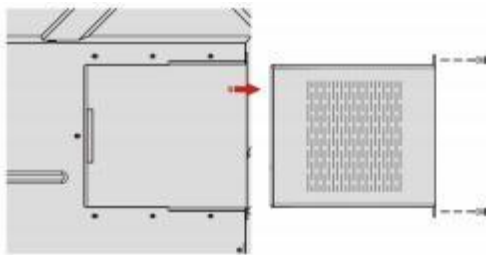
Step2. Push the pluggable computer horizontally into the dedicated interface card slot as shown in the figure.
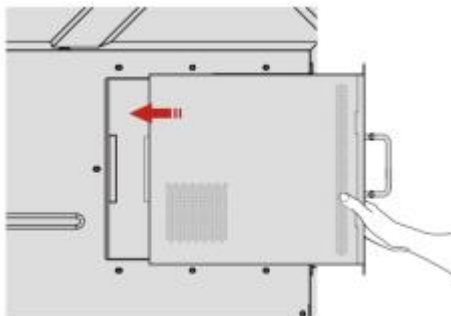
Step3 Ensure that the heat dissipation distance between the rear pluggable computer and the wall is no less than20.0mm (The picture below takes installation on a large screen as an example).

Wall

Wall

≥ 20mm
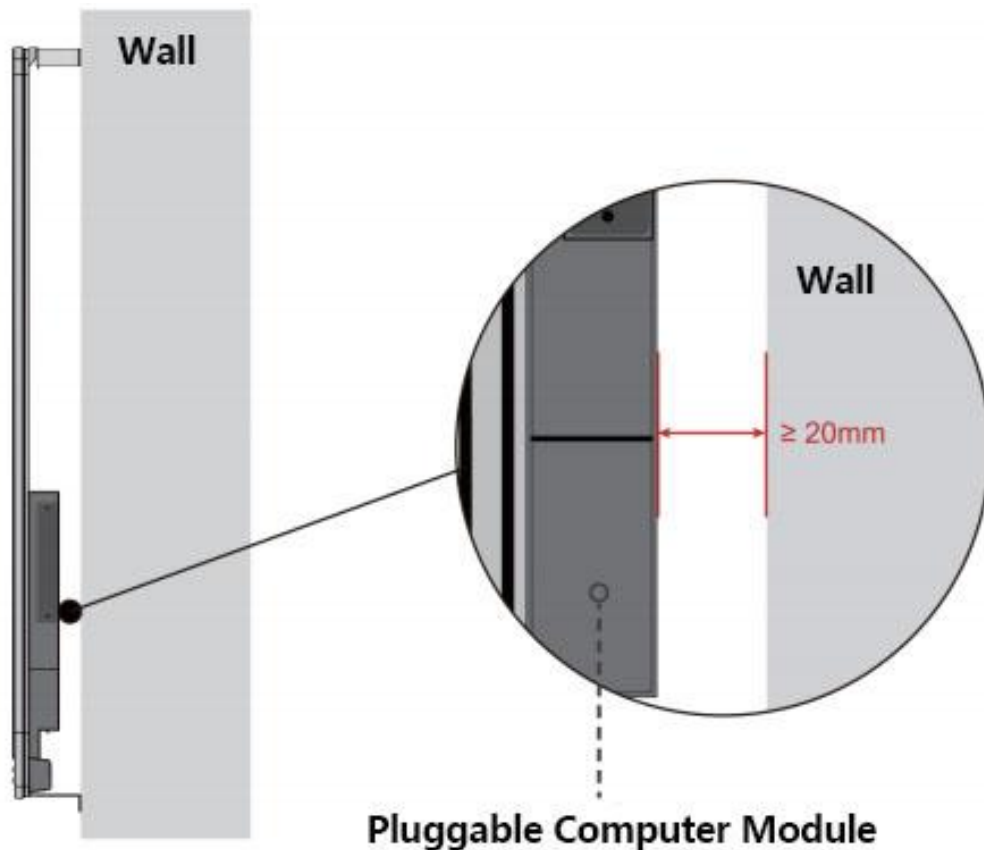
Pluggable Computer Module

 Notice

- Currently, the recovery solutions used by different models of pluggable computers are slightly different. Please pay attention to the distinction when restoring.

- Do not cut off power during system backup or restore.

Hardware Restore

Step 1. The hardware restoration function can be realized by operating in the following three situations.

- After the large-screen or whiteboard all-in-one machine is powered on, press the power button and use a tool (such as a ballpoint pen refill, etc.) " **Computer Restore** " on the screen or all-in-one computer"Button.

- When the large-screen or whiteboard all-in-one computer is turned on, when the pluggable computer is turned off, press the pluggable computer power button. Use tools (such as ballpoint pen refills, etc.) **to long press the " GHOS T " button** on the OPS computer .

- When the large screen or whiteboard all-in-one machine is turned on,Restart the pluggable computer under Windows system and use the workstation at the same time Tool (keyboard) Press " **F12"** on the keyboard"Button.
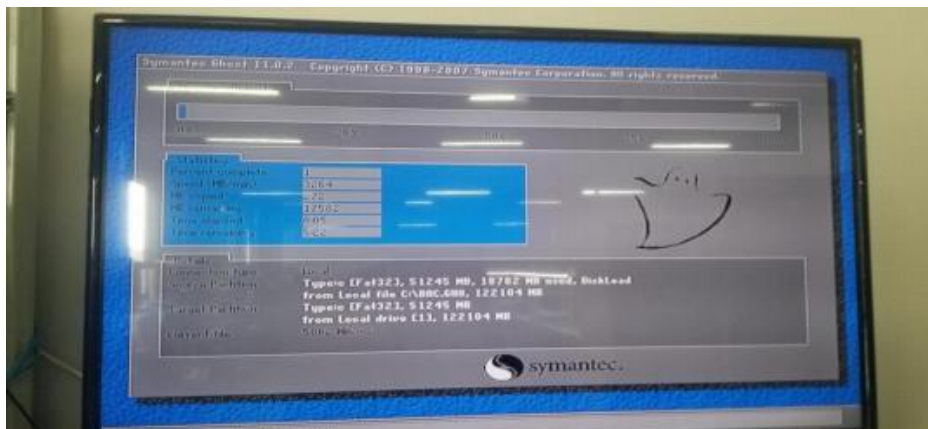
Schematic diagram of the front buttons of the all-in-one machine

OPS front button diagram

External keyboard keys

You can release it after the above interface appears. After the pluggable computer restarts and enters the system, the restoration is successful.

System Backup

Instruction

If the OPS computer needs to back up the system again, please use this method to back up the system.

Connect the keyboard to the USB interface on the pluggable computer, large-screen or whiteboard all-in-one machine. After the pluggable computer is turned on, it will enter the self-test process. Backup method: You need to use the PE U disk to enter the PE to delete the original backup system, and then press Restore Operate the backup system (all pluggable computers shipped from the factory have system backup, and it is not recommended to do system backup again except under special circumstances).

Note: If an error occurs during the system restore/backup process, it proves that the hardware restore function is damaged. Manually reinstall the system

4 - BIOS Commonly Used Functions

In the following situations you need to runBIOS setup program:

- An error message appears on the screen during system self-test and requires entryBIOS setup program.
- You want to change the factory default settings based on customer characteristics.

Q Instructions

Since the BIOS version of the motherboard is constantly being upgraded, the description of the BIOS in this manual is for reference only. We do not guarantee that the relevant content in these operating instructions is consistent with the information you have obtained.

Enter BIOS Setup Program

Turn on the computer, This information can be seen on the self-test screen :

Press <DEL> to enter Setup, <F11>to popup menu
At this time, press the <DEL> key to enter the BIOS setup program. If the prompt disappears before you respond and you still want to enter the setup process, restart the system by turning the computer off and on again, or press the <Ctrl> + <Alt> + <Del> keys simultaneously to restart the system.

Boot sequence quick settings menu

After turning on the power or restarting the system, you will see the following information on the self-test screen :

Press <DEL> to enter Setup, <F11>to popup menu

At this point press " F11 " key will pop up the menu as shown below. Simply press the up and down arrow keys to temporarily specify the needs. Start the device without entering BIOS settings.
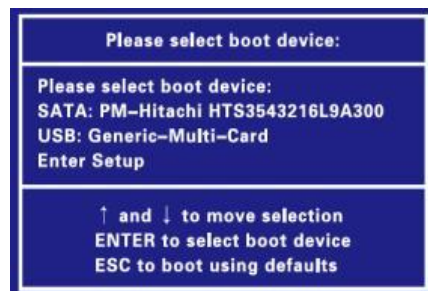
Leave BIOS Setup program

Enter the "BIOS Setup > Exit" menu and select "Save Changes and Exit" to save the changes you have made and exit the BIOS Setup program. If you select "Discard Changes and Exit", you will not save your changes and exit the BIOS Setup program.

Difficult Problems	Causes and Solutions
Why is the system sometimes very slow when booting up a pluggable computer?	The reasons are as follows: • After booting into the system, the system needs to load background programs and applications. If the system is shut down before the programs are completely loaded, the system will detect the cause of the last abnormal shutdown the next time the system is turned on, resulting in a longer system entry time. • When the system is running normally, if it is forced to shut down or unexpectedly loses power, the reason for the abnormal shutdown will also be detected the next time you boot into the system, which will affect the time to enter the system. It is recommended to wait until the background program is loaded before shutting down normally.
Why does the newly installed system automatically go black after a certain amount of time?	The newly installed system has the power saving mode and screen saver mode turned on by default. When the set time is reached, the system will automatically enter the specified state, such as sleep or hibernation state. You just need to disable this feature in the system settings
After the pluggable computer is plugged into the large screen, there is no sound output when playing audio and video files?	Set the system default playback device to the large screen playback device.
Why does a pluggable computer directly enter the CMOS setting interface when it is turned on?	After the pluggable computer is turned on, it will search for a bootable hard drive and enter the corresponding system. If no bootable hard disk is found, the CMOS setting interface will be entered by default. Please check whether the hard disk is damaged or the connection is abnormal.
Difficult Problems	Causes and Solutions

How to close USB KB/MS ?	Turn on the computer and press the "DEL" key on the keyboard to enter "BIOS SETUP", select "Power Management configuration" under "Advanced" in the main menu, and press "Enter" to enter the "Power Management configuration" option and change "USB KB/MS Wakeup From S3/S4" default value changed to "Disabled".
Pluggable PC installation for sixth generation CPU series Why can't USB keyboard and mouse be used after Windows 7?	The pluggable computers of the sixth-generation CPU series belong to the Skylake platform. The Skylake platform has removed the EHCI master and instead supports the XHCI master. Windows 7 The system does not natively support XHCI master control, so USB mice and keyboards may fail.
How to run command prompt as administrator in Windows 10?	Click the "Windows" icon in the lower left corner of the desktop and find it in the pop-up menu "Windows System" folder, select "Command Prompt", click "More" under its submenu, and then select "Run as administrator" to open the operation interface
How to avoid entering system repair after illegal shutdown?	Enter the system command line mode as an administrator and enter "bcdedit /set {default} bootstatuspolicy ignoreallfailures" and press Enter. It will prompt you to restart the system after the operation is successful.
Why is the hard drive with a capacity of 500GB only 465 GB detected in the system?	Computers use binary system, and the capacity calculation in the operating system is based on 1024 as a decimal system; while hard disk manufacturers use 1000 as a decimal system when calculating capacity. According to this calculation, the hard disk manufacturer's 500GB = 500,000,000,000 bytes, according to the computer's unary algorithm using 1024: 500,000,000,000 bytes / (1024*1024*1024) = 465.66GB.
A pluggable computer ships with 500GB, but only 435GB is available?	Normally 500GB, according to the computer algorithm, it is only 465GB. In the factory-installed system, a 30GB partition is divided for system backup. In order to prevent accidental Delete it and set this partition as a hidden partition, so the actual available capacity is only 435GB.